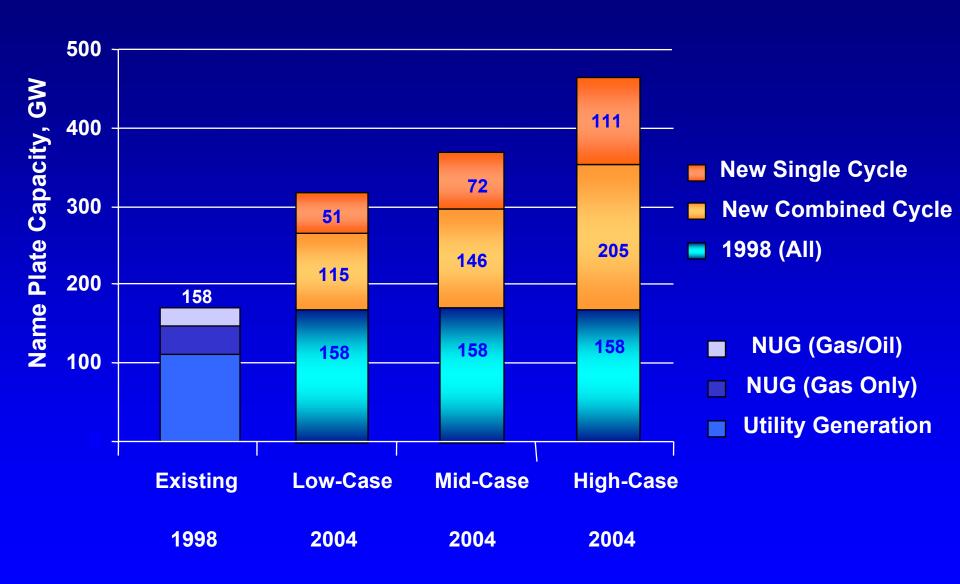
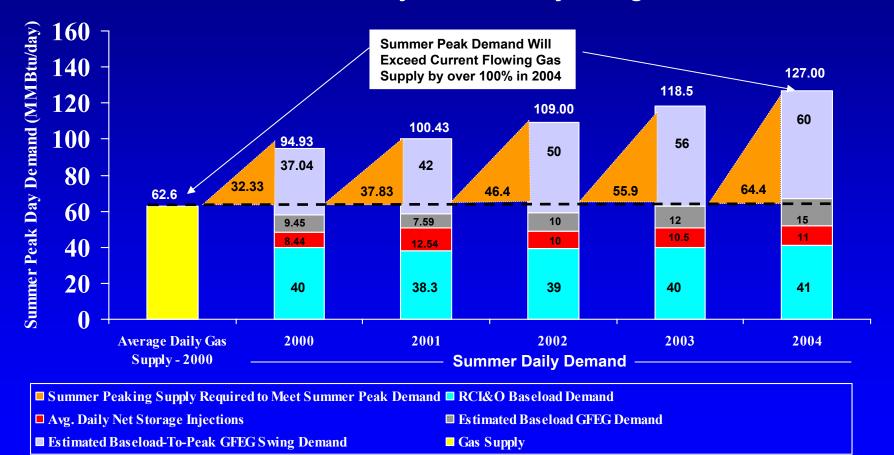
GFEG Existing and Forecasted Capacity



Summer Peak Day Demand and GFEG Load Swings 2000-2004

(Assumes 200,000 MW of New GFEG Capacity Placed In Service from 1998-2004)

Where is the Summer Peak-Day Deliverability Going to Come From?





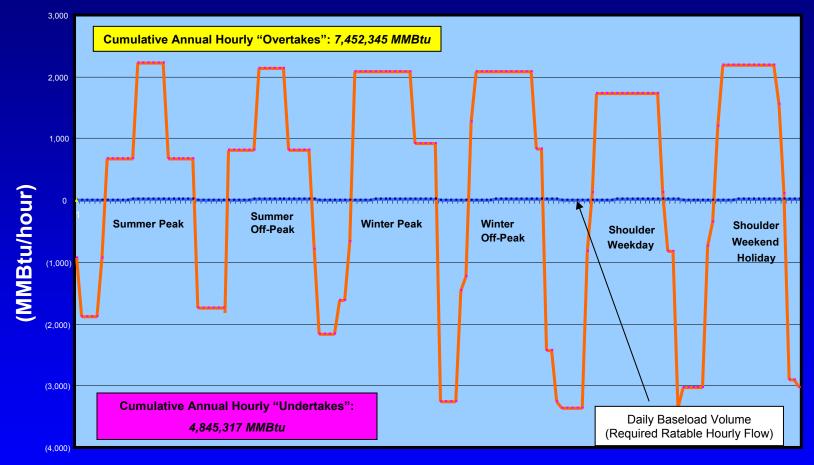
Major Regional Pipeline OFOs and Imbalance/Overrun Penalties*

<u>Region</u>	<u># of</u> <u>Pipelines</u>	<u>Pipelines Requiring</u> <u>Ratable Hourly Flow**</u>	<u>Pipelines</u> <u>Implementing OFOs</u>	Pipelines Assessing Imbalance/Overrun Penalties
West	5	3	4	4
Midwest	9	8	9	9
East	10	10	10	10
Southeast	2	2	2	2
Texas	2	2	2	2
Total	28	25	27	27

^{*}Based on a survey of the tariffs of 28 of the largest interstate and intrastate pipelines

^{**}Within a narrowly-defined tolerance (e.g., ±10%)

Hourly Pipeline Imbalances Caused by Intra-Day Load Swings For a Typical 750 MW Combined Cycle GFEG Facility



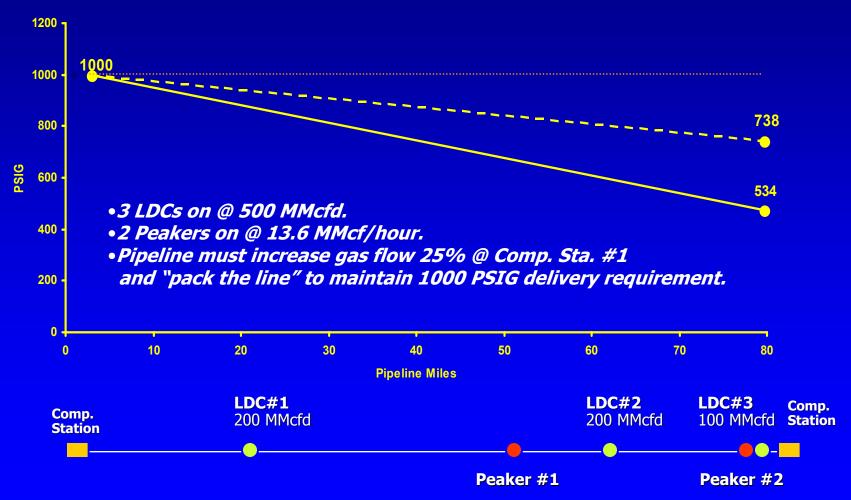
Hour of the Day

(Each tick mark represents 1 hour with each day's pattern beginning at midnight)



Pressure Impact of Gas-Fired Generator On-Line

Hypothetical 36", 80-mile segment





Imbalance Penalty Analysis

Type of Imbalance*	<u>Volume (MMBtu)*</u>	Total Imbalance C	Overrun Penalties @ \$1.00/MMBtu
Cumulative Annual "Overtakes"	7,452,345	\$3,726,172	\$7,452,345
Cumulative Annual "Undertakes"	" 4,845,317	\$2,422,659	\$4,845,317
Cumulative Total Imbalances	12,297,662	<u>\$6,148,831</u>	<u>\$12,297,662</u>



* From Slide 4

Lost Opportunity Cost 750 MW GFEG (CC) Facility

<u>Duration of Service Interruption</u> (Gas Deliveries Suspended/Curtailed)

# of Hours	% of Annual Total*
100	2%
200	4%
300	6%

Lost Opportunity Cost (No Power Dispatched)

<u>@ \$50/MWH</u>	@ \$100/MWH	@ \$250/MWH
\$3.75 MM	\$7.5 MM	\$18.75 MM
\$7.5 MM	\$15 MM	\$37.5 MM
\$11.25 MM	\$22.5 MM	\$56.25 MM



^{*} Assumes Total Annual Dispatch of 5,000 Hours (57% Annual Load Factor)